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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/631,318	08/03/2000	Arun K. Gupta	102150-100	8484

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WIGGIN & DANA LLP
ATTENTION: PATENT DOCKETING
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EXAMINER

CHAVIS, JOHN Q

ART UNIT	PAPER NUMBER
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2124

DATE MAILED: 05/29/2003

4

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Applicati n N .

09/631,318

Applicant(s)

GUPTA ET AL.

Examiner

John Q. Chavis

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 August 2000 and 11 January 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 August 2000 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 14-18 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The applicant claims in claim 14 "...wherein each Business Attribute is selected from the set consisting of R, M, S, B, and E."; however, there is no clear indications of what each of the letters represent. Therefore, it is not clear what is being claimed. The dependent claims do not clarify the problems with the parent claim and therefore are indefinite for the same reason.

Drawings

3. New corrected drawings are required in this application because the drawings provided are informal with many handwritten words that are not uniformly thick and well defined, the margins are exceeded on many of the drawings (2.5 cm – top and left, 1.5 cm right and 1.0 cm bottom), numbers and letters must be at least 0.32 cm in height and copy machine marks are not acceptable. Applicant is advised to employ the services of a competent patent draftsman outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

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4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

5. Claims 1-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Sheard et al. (6,208,345).

Claims

Sheard

1. A method of defining Business Classes for modeling a business activity comprising the steps of:

See the abstract and col. 29 lines 12-62.

a. representing said business activity as an interaction between one or more Business Classes;

See fig. 18, col. 1 lines 47-65 and col. 2 lines 13-30.

b. storing in a digital electronic format said one or more Business Classes as well as the relationships existing between said one or more Business Classes; and

See col. 3 lines 11-44.

c. providing a GUI whereby desired ones of said Business Classes and of

See col. 3 lines 45-col. 4 line 4.
Also, see col. 30 lines 27-47.

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said relationships may be linked to
thereby generate computer code.

- | | |
|---------------------------------------|---|
| 2. ...entering Business Attributes... | See col. 3 lines 11-19 and col. 6 lines 20-34.
Also, see col. 30 lines 48-54. |
| defining Business Processes... | See col. 3 lines 19-26. |
| entering Business Rules... | See col. 4 lines 5-14. |
| 3. ...defining...States... | See col. 7 lines 56-65 and col. 17 line 66-
col. 18 line 17. |
| defining...Methods... | See col. 15 lines 1-21, col. 17 lines 25-44
Also, see col. 30 lines 5-67 and col. 31
lines 24-36. |
| 4. ...defining messages... | This feature is inherent via the drag and
drop data integration feature of col. 20
lines 3-15 and col. 21 lines 4-24. Also, see
col. 23 lines 35-37 and col. 28 lines 1-7. |
| 5. ...defining...web pages... | See figs. 5B and 18. |
| 6. ...diagramming the relationship... | See the title, abstract and fig. 18. |
| 7. ...selecting an icon... | See col. 24 lines 11-26. |
| dragging and dumping... | See the rejection of claim 4. |
| repeating steps... | “ “ “ “ |
| defining the relationships... | See the rejection of claim 6. |

See the rejection of claim 7 in reference to claims 8-9 and 12.

As per claims 10-11, see the rejection of claim 6.

In reference to claims 13-14, and 16-18, see the library indicated in the rejection
of claim 1. The features of claim 14 are unclear, as indicated above, and are therefore not
entitled patentable weight. Note specifically that visual mapping **may be** used, col. 24 lines

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4-10.

The features of claim 15, note that users can make modifications (alterations) using the configuration screens associated with the adapters (i.e. text or graphical), col. 23 lines 56-66.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Q. Chavis whose telephone number is 703-305-9665. The examiner can normally be reached on 8:30 am-5:00 pm Est.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on 703-305-9662. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-306-3900.

Sup

Jqc
May 27, 2003

John Chavis

JOHN CHAVIS
PATENT EXAMINER
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